



Environmental Photographic Interpretation Center  
U.S. Environmental Protection Agency  
12201 Sunrise Valley Drive  
555 National Center  
Reston, VA 22092



C.2  
1-8-02

## REMOTE SENSING SERVICES REQUEST FORM

Request Date: 1-8-02

### I. SITE DATA

Site Name: South Dayton Dump Region: 5

Program (circle): Superfund RCRA CWA Other \_\_\_\_\_

If Superfund: Site/Spill ID# B52B EPA acctg #, CERCLIS ID 0504661

Purpose (circle): Remedial Removal Enf: Other \_\_\_\_\_

Geographic coordinates: 84° 13' 17" Long. 39° 43' 44" Lat. \_\_\_\_\_

State: OH County: Montgomery Municipality: Moraine

USGS Quad Name (IMPORTANT: ATTACH PHOTOCOPY OF MAP SHOWING SITE - See Figure 1  
BOUNDARIES AND/OR STUDY AREA): Dayton South Quad

Requester: Karen Cibulski Phone# 312/886-1843 EMAIL cibulskis.karen@epa.gov

Brief discussion of site history, specific problem at site, what you hope to accomplish through this request. Elaborate on known or suspected aspects of site operation (e.g., barrels believed dumped between 1967 and 1972 adjacent to north lagoon). Please attach background information about the site such as site descriptions, action memos, etc.

Looking for landfilled areas and any buried drums on 40-acre site. Trying to identify areas for geophysical work and sampling during Remedial Investigation. Drums found beneath asphalt plant north of site during sewer work. Is there any evidence of landfilling or buried drums

II. **STANDARD REQUEST OPTIONS** - Check and complete the appropriate section for the service you are requesting.

→  
over

#### 1. CURRENT PHOTOGRAPHY ONLY (new overflight)

a. Scale: \_\_\_\_\_ (e.g., 1:24,000); Film Type: \_\_\_\_\_

b. Special conditions (e.g., do not fly if snow cover, leaves time on, etc.) \_\_\_\_\_

\*\*\*Average  
turnaround  
= 6 wks.\*\*\*

US EPA RECORDS CENTER REGION 5



489891

beneath asphalt plant or former auto salvage yard, or beneath concrete pad or air curtain destructor (see Figure 2). High levels of metals detected in soil sample S-10. Elevated levels of metals also in soil sample S-02, S-08 and S-09. Solvents and pesticides detected in groundwater in MW-101.

Property owned by landfill operators since 1935.

Reportedly, landfiling began in 1941.

Reportedly only occasional drums accepted from 1950-1970.

Open burning of wastes from 1950-1970

Photos taken by health dept. show drums and burning drums in 1969 and 1970.

Hazardous wastes reported to be disposed from July 1973 to July 1976 (15 drums per month)

Drums and barrels of chemicals observed in 1985.

Reportedly only construction debris accepted 1986-1996.

Landfill reportedly closed 1996.

- c. Photo size: 9"x9" \_\_\_\_\_ 20"x20" \_\_\_\_\_ Other \_\_\_\_\_
- d. Are stereo pairs needed? \_\_\_\_\_ Y \_\_\_\_\_ N
- e. Number of copies: \_\_\_\_\_
- f. Desired delivery date: \_\_\_\_\_

\_\_\_\_\_ 2. HISTORICAL PHOTOGRAPHY ONLY

\*\*\*Average  
turnaround  
time =  
6-10 wks.\*\*\*

- a. Study period (e.g., 1936-1955): \_\_\_\_\_
- b. Specific years desired: \_\_\_\_\_
- c. Photo size: 9"x9" \_\_\_\_\_ 20"x20" \_\_\_\_\_ Other \_\_\_\_\_
- d. Number of copies: \_\_\_\_\_
- e. Desired delivery date: \_\_\_\_\_

\_\_\_\_\_ 3. ANALYSIS OF CURRENT (single coverage) PHOTOGRAPHY

\*\*\*Average  
turnaround  
time =  
8 wks\*\*\*

- a. Scale: \_\_\_\_\_ (e.g., 1:24,000)
- b. Special conditions (e.g., do not fly if snow cover, leaves on, etc.) \_\_\_\_\_
- c. Photo size: 9"x9" \_\_\_\_\_ 20"x20" \_\_\_\_\_ Other \_\_\_\_\_
- d. Number of copies: \_\_\_\_\_
- e. Desired delivery date: \_\_\_\_\_

X 4. ANALYSIS OF HISTORICAL PHOTOGRAPHY (standard site analysis package - see attachment)

\*\*\*Average  
turnaround  
time =  
12-24 wks.

- a. Study period (e.g., 1936-1955): 1935-2000
- b. Specific years of interest: 1935-1941 1950-1970 1973-1978  
1941-1950 1969/1970 1980-1985
- c. Are copies of historical photos (before analysis) needed? X Y \_\_\_\_\_ N \_\_\_\_\_  
If yes, photo size: 9"x9" X 20"x20" \_\_\_\_\_ Other \_\_\_\_\_  
1986-1996  
1996-2000
- d. Is an interim report (unbound format, handwritten photo overlays with typed body of report) needed? X Y \_\_\_\_\_ N
- e. Number of copies of final bound report: 3
- f. Desired delivery date: Before June 2002.

\_\_\_\_\_ 5. SURVEYING AND MAPPING - Complete and attach request form



III. SPECIAL REQUEST OPTIONS - The following remote sensing services are also available for sites with conditions that warrant their use. Check off items of interest and contact your remote sensing coordinator for more information.

- ☐ a. Land use analysis (within specified distance from site)
- ☐ b. Fracture trace analysis
- ☐ c. Wetland mapping/assessment
- ☐ d. Multi-spectral scanner overflights
- ☐ e. Thermal infrared scanner overflights
- ☐ f. Mensuration (measurements) of features (e.g., barrel/drum count, terrain transects, building dimensions, lagoon dimensions, etc.)
- ☐ g. Satellite Data (digital)
- ☐ h. Satellite Data (Hardcopy)
- ☐ i. Digital Elevation Model

Your request with attached site or area map(s) may be faxed to the following:

Region 1-5 requests: 703-648-4290<sup>4288</sup>  
ATTN: Joan Bozik

Region 6-10 requests: 702-798-2692  
ATTN: Phil Arberg

# **STANDARD SITE ANALYSES PACKAGE**

## **RCRA AND CERCLA**

### **Environmental Photographic Interpretation Center**

**The following elements are included as standard analysis of waste disposal sites:**

- 1. Site size plus Latitude and Longitude for center of site.**
- 2. General condition of site.**
- 3. Tanks and Drum**
  - a. condition of tanks and drums (rusty, leaky, etc.)**
  - b. stains tanks and drums (stains on ground, buildings, etc.)**
  - c. housekeeping practices tanks and drum (poor appearance or maintenance of tanks and drum storage areas)**
- 4. Standing liquids from spills, drainage, etc.**
- 5. Containment for surface runoff, chemical storage and disposal areas.**
- 6. Surface drainage of site for one year of photo coverage. Changes will be identified.**
- 7. Visible leakage or leachates from site.**
- 8. Trenches, fills, and other waste burial areas within and around site (positive, probable, and possible).**
- 9. Fencing or other security around perimeter of site and gate access.**
- 10. Types of impoundments for pits, ponds, and lagoons (lined, earthen dam, etc.).**
- 11. Vegetation stress/damage.**
- 12. Access route to site and identify equipment in use at site.**

# SURVEYING AND MAPPING REQUEST

## HAZARDOUS WASTE SITES

TO: EPIC

DATE: \_\_\_\_\_

FROM: \_\_\_\_\_

SITE NAME: \_\_\_\_\_

SITE LOCATION: \_\_\_\_\_  
(City, State)

EPA REGION: \_\_\_\_\_

NPL NUMBER: \_\_\_\_\_

EPA PROJECT OFFICER: \_\_\_\_\_

PHONE: \_\_\_\_\_

(Commercial)

REQUESTED COMPLETION DATE: \_\_\_\_\_

SCALE: \_\_\_\_\_

CONTOUR INTERVAL: \_\_\_\_\_

USGS QUADRANGLE SHEET NAME: \_\_\_\_\_

AREA TO BE MAPPED: Attach Map Showing Required Mapping Limits or  
Provide Written Description

### BACKGROUND INFORMATION

PERSONAL PROTECTION REQUIREMENTS: A B C D  
(Circle One)

### SITE SAFETY PLAN

a. Previously Developed Yes No

b. If yes, for copy contact: \_\_\_\_\_

TYPE OF CONTAMINATION: Check as Appropriate

a. Groundwater \_\_\_\_\_

e. Drums \_\_\_\_\_

b. Dust \_\_\_\_\_

f. Tanks \_\_\_\_\_

c. Lagoons \_\_\_\_\_

g. Other \_\_\_\_\_

d. Landfill \_\_\_\_\_

h. Specify \_\_\_\_\_

Right-of-Entry: \_\_\_\_\_

Contact/Notify: \_\_\_\_\_